

# Panasonic

Analog Proprietary Telephones  
for Advanced Hybrid System

## *Operating Instructions*

**KX-T7320**  
**KX-T7335**  
Model **KX-T7350**

### *Contents*

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<b>Accessories</b> .....	<b>2</b>
<b>Getting Started</b> .....	<b>3</b>
Connection .....	3
Adjusting rear panel controls .....	3
<b>Location of Controls</b> .....	<b>4</b>
<b>Features List for KX-TA624</b> .....	<b>5</b>
Making Calls .....	5
During a Conversation .....	5
Useful Features .....	6
<b>Station Programming for KX-TA624</b> .....	<b>8</b>
<b>Features List for KX-TA1232</b> .....	<b>9</b>
Making Calls .....	9
During a Conversation .....	9
Useful Features .....	10
<b>Station Programming for KX-TA1232</b> .....	<b>12</b>
<b>Wall Mounting</b> .....	<b>13</b>
<b>Important Safety Instructions</b> .....	<b>14</b>
<b>FCC and Other Information</b> .....	<b>15</b>

**Please read this manual before using the Analog Proprietary Telephone.**

**Thank you for purchasing a Panasonic Telephone.**

# Accessories

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**When unpacking, check the following items.**

- Handset ..... one
- Telephone line cord ..... one
- Handset cord ..... one
- Overlay ..... one (KX-T7335 only)
- Card holder with memory station card one (KX-T7320, KX-T7335 only)

**When you ship the product**

Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a postage-paid letter, detailing the symptom to the outside of the carton.  
*DO NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.*

**Product service**

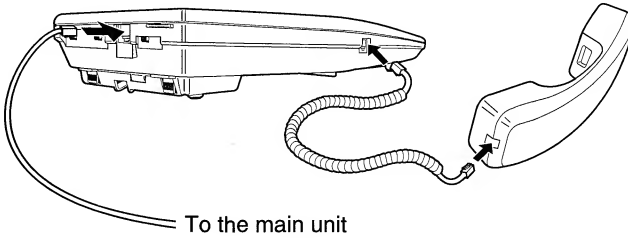
Panasonic Servicenters for this product are listed in the servicenter directory. Consult your authorized Panasonic dealer for detailed instructions.

**For your future reference**

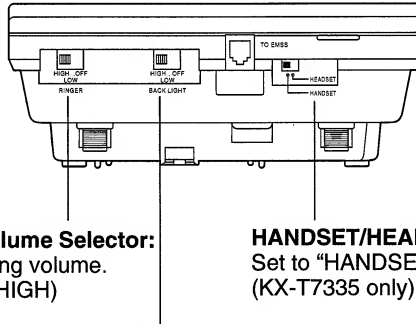
SERIAL NO. \_\_\_\_\_ DATE OF PURCHASE \_\_\_\_\_  
(found on the bottom of the unit)  
  
NAME OF DEALER \_\_\_\_\_  
  
DEALER'S ADDRESS \_\_\_\_\_

# Getting Started

## ■ Connection



## ■ Adjusting rear panel controls

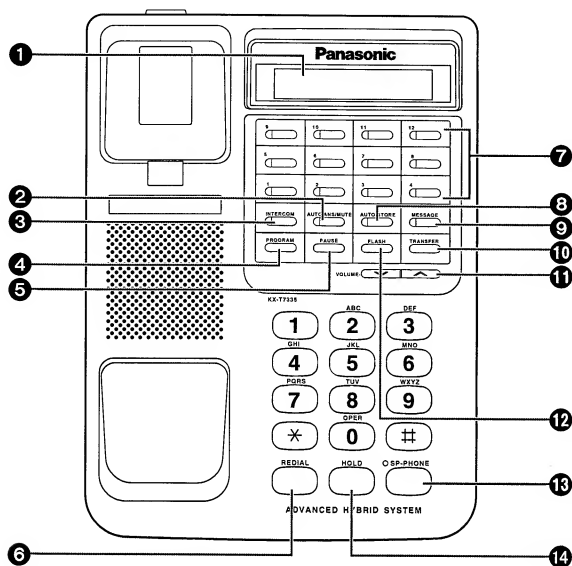


**RINGER Volume Selector:**  
Set the ringing volume.  
(OFF/LOW/HIGH)

**HANDSET/HEADSET Selector:**  
Set to "HANDSET".  
(KX-T7335 only)

**BACK LIGHT Control Selector:**  
Adjust the BACK LIGHT Control Selector lever  
to the desired setting. (OFF/LOW/HIGH)  
(KX-T7335 only)

# Location of Controls



\* The illustration used in this page is a KX-T7335.

**1 LCD (Liquid Crystal Display)**  
(KX-T7335 only)

**2 AUTO ANS (Auto Answer)/MUTE:**  
AUTO ANS is used to answer an intercom call automatically. MUTE is used to listen to the other party without them hearing you in the handsfree conversation mode.

**VOICE CALL (KX-T7350 only):**

Used to receive an intercom call and to listen to the other party without them hearing you in the handsfree mode.

**3 INTERCOM:**

Used to make or receive an intercom call.

**4 PROGRAM:**

Used to enter and exit the programming mode.

**5 PAUSE (in programming):**

Inserts a pause between the access number and the phone number. PAUSE button works when you release the PAUSE button.

**6 REDIAL (ordinarily):**

Redials the last number dialed.

**7 Flexible Outside (CO) Line Buttons:**

Used to make or receive an outside call, or access a feature if the button is assigned as Programmable Feature button.

**8 AUTO/STORE**

Used for speed dialing in the system or storing program changes.

**9 MESSAGE:**

Used to send a message or display a current message.

**10 TRANSFER:**

Used to transfer a call to another party.

**11 Volume Control Button:**

Used to adjust the volume.

**12 FLASH:**

Used to disconnect or send a flash signal.

**13 SP-PHONE:**

Used for the handsfree operation.

**MONITOR (KX-T7350 only):**

Used for a handsfree dialing operation.

**14 HOLD:**


















































Used to place a call on hold.

# Feature List for KX-TA624

 Outside (CO) Line button    Off-hook    On-hook    Feature number    Talk

\* "Location of Controls" is shown on page 4.

Some feature access numbers may be different. Consult with your dealer for more details.

Desired Function	Operation
<b>Making Calls</b>	
Calling	<div> <div>To an extension   ► <b>extension no.</b> ► </div> <div>To an external party   ► <b>9</b> /  ► <b>phone no.</b> ► </div> </div>
Redial	 ►  ► 
One-Touch Dialing	To dial  ►  — assigned as a One-Touch Dialing button ► 
Calling an operator	 ► <b>0</b> ► 
Speed Dialing (Personal)	<div>To set   ► <b>2</b> ► <b>*</b> ► <b>personal speed dial no. (0-9)</b> ► <b>desired no.</b> ► <b>#</b> ► </div> <div>To dial   ► <b>#</b> ► <b>personal speed dial no. (0-9)</b> ► </div>
Speed Dialing (System)	To dial  ►  ► <b>system speed dial no.</b> ► 
Doorphone Call	 ► <b>3</b> ► <b>1</b> ► <b>doorphone no.</b> ► 
Automatic Callback Busy	<div>To set  <i>While hearing a busy tone</i>  <b>6</b> ► </div> <div>To cancel   ► </div> <div>To answer the extension   ► </div> <div>To answer the outside (CO) line   ► <b>phone no.</b> ► </div>
<b>During a Conversation</b>	
Holding a call	<div>Holding   ► </div> <div>To retrieve a call at the holding extension   ►  /  ► </div> <div>To retrieve an outside call from another extension   ►  ► </div>
Holding a call exclusively	<div>Holding   ►  ► </div> <div>To retrieve a call on exclusive hold   ►  /  ► </div>
Transferring a call	 ► <div> <div><b>extension no.</b> to an extension</div> <div> <b>phone no.</b> to an external party</div> </div> ►  ► 
































# Feature List for KX-TA624

Desired Function	Operation
During a Conversation	
Three-party conference	<p><b>To add a third party</b>   — assigned as a CONF (Conference) button *1 → <b>third party's no.</b> →  →  — assigned as a CONF (Conference) button *1</p> <p><b>To talk to one party by terminating the other</b>   / </p> <p><b>To leave a conference</b>  </p>
Useful Features	
Forwarding a call and Do Not Disturb (DND)	<div>  →   →  — assigned as a FWD/DND button*2         </div> <div> <p><b>Do Not Disturb (DND)</b>   → </p> <p><b>Forwarding a call</b></p> <p><b>All calls</b>   → <b>extension no.</b> → </p> <p><b>Busy / No answer</b>   → <b>extension no.</b> → </p> <p><b>To an outside line</b>   → <b>Line access code</b> → <b>phone no.</b> → </p> <p><b>Follow Me</b>   → <b>your extension no.</b> → </p> <p><b>Cancel Follow Me</b>   → <b>your extension no.</b> → </p> <p><b>Cancel</b>   → </p> </div>
Picking up a call	→ <div> <p><b>Directed</b>   → <b>extension no.</b></p> <p><b>Group</b>  </p> </div> →
Call Waiting	<div>  → <div> <div>    Outside (CO) line calls               </div> <div>    Intercom and doorphone calls               </div> </div> </div> <div> <div>   Set           </div> <div>   Cancel           </div> </div> <p><b>To talk to the new party</b>  <i>While hearing a tone</i>   /  → </p>
Setting Absent Message	<p><b>To set</b>   →   → <b>message no. (1-6)</b> → <b>parameter (if required)</b> →  → </p> <p><b>To cancel</b>   →     → </p>

\*1 If CO button is not assigned, you can press Volume control button (∨) while pressing PAUSE button.

\*2 If CO button is not assigned, you can press Volume control button (^) while pressing PAUSE button.



Desired Function	Operation	
Useful Features		
Paging	<p><b>To page</b></p> <div> ▶ <div><div>All groups &amp; external speakers</div><div><div>3</div><div>3</div><div>*</div></div><div>All groups</div><div><div>3</div><div>3</div><div>0</div></div><div>Specific groups</div><div><div>3</div><div>3</div><div>paging group no.</div></div><div>External speaker</div><div><div>3</div><div>4</div></div></div></div> <div> ▶  ▶ </div> <p><b>To answer</b></p> <div> ▶ <div><div>4</div><div>3</div></div></div> <div></div> <p><b>To deny</b></p> <div> ▶ <div><div>7</div><div>3</div><div>4</div><div>1</div><div>#</div><div>Set</div><div>7</div><div>3</div><div>4</div><div>0</div><div>#</div><div>Cancel</div></div></div> <div></div>	
Message Waiting	Sender	<p><b>To leave a notification</b> <i>When the called extension is busy or does not answer</i></p> <div> ▶ </div> <p><b>To cancel a notification</b></p> <div> ▶ <div>extension no.</div> ▶   ▶ </div>
	Receiver	<div><p><b>To call back</b></p><div>  ▶ </div></div> <div><p><b>To clear all notifications</b></p><div> ▶ <div>7</div><div>0</div><div>0</div> ▶ <div>#</div> ▶ </div></div>
Log-In/Log-Out	<div> ▶ <div><div>7</div><div>3</div><div>6</div><div>0</div><div>#</div><div>For Log-In</div><div>7</div><div>3</div><div>6</div><div>1</div><div>#</div><div>For Log-Out</div></div></div> <div></div>	
Locking your extension	<div> ▶ <div><div>7</div><div>7</div><div>lock code (0000-9999)</div><div>lock code (same code)</div><div>#</div><div>Lock</div><div>7</div><div>7</div><div>lock code (0000-9999)</div><div>#</div><div>Unlock</div></div></div> <div></div>	
Clearing the Feature Settings	<div> ▶ <div>7</div><div>9</div><div>#</div> ▶ </div>	
Timed Reminder	<p><b>To set</b></p> <div> ▶ <div>7</div><div>6</div> ▶ <div>hour (01-12)</div><div>minute (00-59)</div> ▶ <div>0</div><div>AM</div><div>1</div><div>PM</div> ▶ <div>1</div><div>#</div><div>one time</div><div>2</div><div>#</div><div>daily</div></div> <div></div> <p><b>To cancel</b></p> <div> ▶ <div>7</div><div>6</div><div>2</div><div>#</div> ▶ </div> <p><b>To stop the alarm</b></p> <div> ▶ </div>	

# Station Programming for KX-TA624

To enter the programming mode				To exit the programming mode				
<div>PROGRAM</div>				<div>PROGRAM</div>				
Operation								
Direct Station Selection	CO	1	extension no.	AUTO/STORE	CONF (Conference)	CO	3	AUTO/STORE
One-touch Dialing	CO	2	desired no.	AUTO/STORE	Log-In/Log-Out	CO	8	AUTO/STORE
FWD/DND	CO	4		AUTO/STORE	SAVE	CO	5	AUTO/STORE
Caller ID Indication – Common	CO	9	6	AUTO/STORE	Caller ID Indication – Personal	CO	6	AUTO/STORE
Caller ID Selection – Common	CO	9	7	AUTO/STORE	Caller ID Selection – Personal	CO	7	AUTO/STORE
Preferred Line Assignment, Outgoing				1	1	AUTO/STORE	no line	
				1	2	AUTO/STORE	idle line	
Preferred Line Assignment, Incoming				2	1	AUTO/STORE	no line	
				2	2	AUTO/STORE	ringing line	
Intercom Alert Assignment				4	1	AUTO/STORE	ring calling	
				4	2	AUTO/STORE	voice calling	
Call Waiting Tone Type Assignment				5	1	AUTO/STORE	tone 1	
				5	2	AUTO/STORE	tone 2	
Station Programming Data Default Set *				#	*	AUTO/STORE		

If you press PROGRAM button during on-hook, the proprietary telephone goes to the program mode. And if you press it again during program mode, the proprietary telephone returns to on-hook condition. (It operates like an alternate switch.)  
AUTO indicator lights on during Program mode.



























\* Note: This only default clears assignments not using a CO button.

# Feature List for KX-TA1232

Desired Function	Operation
<b>Making Calls</b>	
Calling	<div> <b>To an extension</b>   ► <b>extension no.</b> ►  </div> <div> <b>To an external party</b>   ► <b>CO</b> ► <b>phone no.</b> ►  </div>
Redial	► <b>REDIAL</b> ►
One-Touch Dialing	<b>To dial</b> ► <b>CO</b> — assigned as a One-Touch Dialing button ►
Calling an operator	► <b>0</b> ►
Speed Dialing (Personal)	<b>To set</b> ► <b>3</b> <b>0</b> ► <b>personal speed dial no. (0-9)</b> ► <b>desired no.</b> ► <b>#</b> ►
	<b>To dial</b> ► <b>3</b> <b>*</b> ► <b>personal speed dial no. (0-9)</b> ►
Speed Dialing (System)	<b>To dial</b> ► <b>AUTO/STORE</b> ► <b>system speed dial no.</b> ►
Doorphone Call	► <b>3</b> <b>1</b> ► <b>doorphone no. (1-4)</b> ►
Automatic Callback Busy	<div> <b>To set</b>  <i>While hearing a busy tone</i>  <b>6</b> ►  </div> <div> <b>To cancel</b>   ► <b>4</b> <b>6</b> ►  </div>
	<div> <b>To answer the extension</b>   ►  </div> <div> <b>To answer the outside (CO) line</b>   ► <b>phone no.</b> ►  </div>
<b>During a Conversation</b>	
Holding a call	<b>Holding</b> ►
	<b>To retrieve a call at the holding extension</b> ► <b>CO</b> / <b>INTERCOM</b> ►
	<b>To retrieve an outside call from another extension</b> ► <b>CO</b> ►
Holding a call exclusively	<b>Holding</b> ►  ►
	<b>To retrieve a call on exclusive hold</b> ► <b>CO</b> / <b>INTERCOM</b> ►
Transferring a call	<b>TRANSFER</b> ► <b>extension no.</b> to an extension ►
	<b>CO</b> ► <b>phone no.</b> to an external party ►
Three-party conference	<b>To add a third party</b> <b>CO</b> — assigned as a CONF (Conference) button * ► <b>third party's no.</b> ►  ► <b>CO</b> — assigned as a CONF (Conference) button *
	<b>To talk to one party by terminating the other</b> <b>CO</b> / <b>INTERCOM</b>
	<b>To leave a conference</b> 






























\* If CO button is not assigned, you can press Volume control button (v) while pressing PAUSE button.

# Feature List for KX-TA1232



Desired Function	Operation
Useful Features	
Forwarding a call and Do Not Disturb (DND)	<div>  <b>7 1 0</b> assigned as a FWD/DND button *</div> <div><b>Do Not Disturb (DND)</b> <b>1</b></div> <div><b>Forwarding a call</b> <b>All calls</b> <b>2</b>  extension no. <b>Busy</b> <b>3</b>  extension no. <b>No answer</b> <b>4</b>  extension no. <b>Busy / No answer</b> <b>5</b>  extension no. <b>To an outside line</b> <b>6</b>  Line access code  phone no.  <b>Follow Me</b> <b>7</b>  your extension no. <b>Cancel Follow Me</b> <b>8</b>  your extension no. <b>Cancel</b> <b>0</b></div> <div></div>
Picking up a call	<div> <b>Directed</b> <b>4 1</b>  extension no.  <b>Group</b> <b>4 0</b> <b>Outside line</b> <b>4 *</b></div>
Call Waiting	<div> <b>7 3 1 1</b> Set  <b>7 3 1 0</b> Cancel</div> <div><b>To talk to the new party</b> While hearing a tone  /  </div>
Setting Absent Message	<div><b>To set</b>  <b>7 5 0</b>  message no. (1-9)  parameter (if required)  <b>To cancel</b>  <b>7 5 0 0</b> </div>

\* If CO button is not assigned, you can press Volume control button (^) while pressing PAUSE button.



Desired Function	Operation
<b>Useful Features</b>	
Paging	<p><b>To page</b></p> <p> <b>All groups &amp; external speakers</b>  </p> <p>3 3 * / 3 2 *</p> <p><b>All groups</b></p> <p>3 3 0</p> <p><b>Specific group</b></p> <p>3 3 [paging group no.]</p> <p><b>All external speakers</b></p> <p>3 2 0</p> <p><b>Specific external speaker</b></p> <p>3 2 [external speaker no.]</p> <p><b>To answer</b></p> <p> <b>Through a telephone speaker</b> 4 3 </p> <p> <b>Through an external speaker</b> 4 2 [external speaker no.] </p> <p><b>To deny</b></p> <p> [ 7 2 1 1 Set 7 2 1 0 Cancel ] </p>
Message Waiting	<p><b>Sender</b></p> <p><b>To leave a notification</b> When the called extension is busy or does not answer</p> <p> MESSAGE </p> <p><b>To cancel a notification</b></p> <p> 7 0 0 [extension no.] </p> <p><b>Receiver</b></p> <p><b>To call back</b>  MESSAGE </p> <p><b>To clear all notifications</b>  7 0 0 [your extension no.] </p>
Log-In/Log-Out	<p> [ 4 5 1 For Log-In 4 5 0 For Log-Out ] </p>
Electronic Station Lockout	<p> [ 7 7 [lock code (000-999)] [lock code (same code)] Lock 7 7 [lock code (000-999)] Unlock ] </p>
Station Program Clear	<p> 7 9 0 </p>
Timed Reminder	<p><b>To set</b></p> <p> 7 6 1 [hour (01-12)] [minute (00-59)] [ 0 AM 1 PM ] [ 0 one time 1 daily ] </p> <p><b>To cancel</b>  7 6 0 </p> <p><b>To stop the alarm</b>  </p>

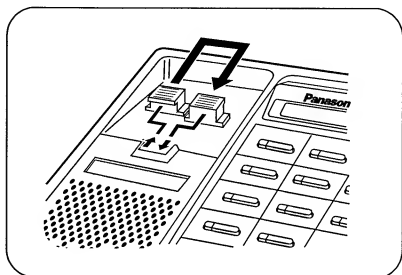
# Station Programming for KX-TA1232

To enter the programming mode			To exit the programming mode		
<div><div>PROGRAM OR PAUSE</div><div>▶ 9 9</div></div>			<div><div>PROGRAM OR PAUSE OR </div><div>▶ </div></div>		
Operation					
Direct Station Selection	CO <div>▶ 1 extension no. ▶ AUTO/STORE</div>	CONF (Conference)	CO <div>▶ 7 0 ▶ AUTO/STORE</div>		
One-touch Dialing	CO <div>▶ 2 desired no. ▶ AUTO/STORE</div>	Log-In/ Log-Out	CO <div>▶ 7 1 ▶ AUTO/STORE</div>		
FWD/DND	CO <div>▶ 4 ▶ AUTO/STORE</div>	SAVE	CO <div>▶ 5 ▶ AUTO/STORE</div>		
Caller ID Indication – Common	CO <div>▶ 9 6 ▶ AUTO/STORE</div>	Caller ID Indication – Personal	CO <div>▶ 9 4 ▶ AUTO/STORE</div>		
Caller ID Selection – Common	CO <div>▶ 9 7 ▶ AUTO/STORE</div>	Caller ID Selection – Personal	CO <div>▶ 9 5 ▶ AUTO/STORE</div>		
Preferred Line Assignment, Outgoing		<div>1 1 ▶ AUTO/STORE</div> no line			
		<div>1 2 ▶ AUTO/STORE</div> idle line			
Preferred Line Assignment, Incoming		<div>2 1 ▶ AUTO/STORE</div> no line			
		<div>2 2 ▶ AUTO/STORE</div> ringing line			
Intercom Alert Assignment		<div>4 1 ▶ AUTO/STORE</div> ring calling			
		<div>4 2 ▶ AUTO/STORE</div> voice calling			
Call Waiting Tone Type Assignment		<div>5 1 ▶ AUTO/STORE</div> tone 1			
		<div>5 2 ▶ AUTO/STORE</div> tone 2			
Station Programming Data Default Set *		<div># ▶ AUTO/STORE</div>			

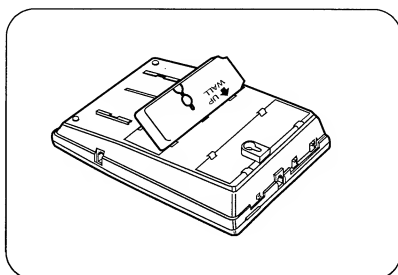
\* Note: This only default clears assignments not using a CO button.

# Wall Mounting

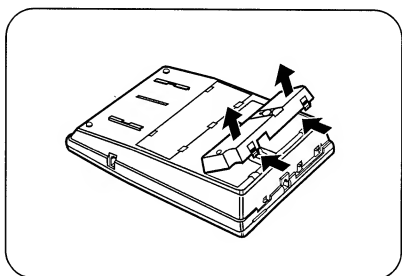
- 1** Remove the handset hook by pulling it toward the top of the unit. Turn it around and re-insert it.



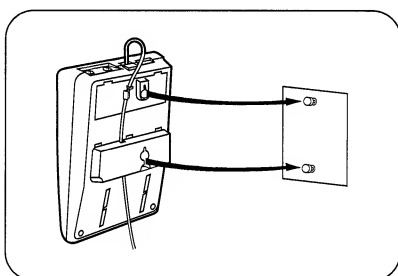
- 4** Insert the stand in the center slots.



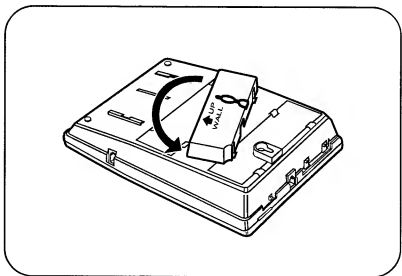
- 2** Remove the attached stand.



- 5** Mount the unit on the wall.

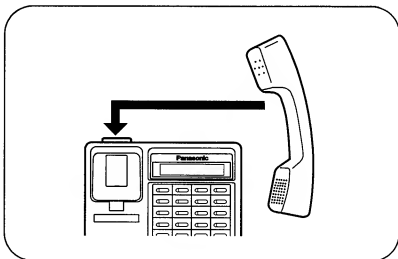


- 3** Turn it around 180 degrees.



**To temporary place the handset down during a conversation.**

Hook it over the top edge of the phone as shown.



\* The illustrations used in this page are a KX-T7335.

# ***Important Safety Instructions***

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When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. Do not allow anything to rest on the telephone cord. Do not locate this product where the cord will be abused by persons walking on it.
8. Do not overload wall outlets and extension cord as this can result in the risk of fire or electric shock.
9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
11. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - A. When the power supply cord or plug is damaged or frayed.
  - B. If liquid has been spilled into the product.
  - C. If the product has been exposed to rain or water.
  - D. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
  - E. If the product has been dropped or the cabinet has been damaged.
  - F. If the product exhibits a distinct change in performance.
12. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
13. Do not use the telephone to report a gas leak in the vicinity of the leak.

**SAVE THESE  
INSTRUCTIONS**

# ***FCC and Other Information***

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## **NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **WARNING:**

**TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.**

## **CAUTION:**

To assure continued compliance with FCC rules, do not make any unauthorized modifications. When programming emergency numbers and/or making test calls to emergency numbers:

- 1) Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
- 2) Perform such activities in the off-peak hours, such as early morning hours or late evenings.

If there is any trouble, disconnect the unit from the extension line and connect a known working phone. If the known working phone operates properly, have it repaired by one of the specified Panasonic Factory Service Centers. If the known working phone does not operate properly, check the Electronic Modular Switching System and the internal extension wiring.

- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps and motors.
- The unit should be kept free of dust, moisture and vibration, and should not be exposed to direct sunlight.
- Do not use benzine, thinner, or the like, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Do not use any handset other than Panasonic handset.

**This telephone provides magnetic coupling for hearing aids.**

**Panasonic Consumer Electronics  
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